

### **Amendments to the Abstract**

Please amend the Abstract as follows:

A cooling device (~~1~~) for a fuel-recirculation circuit from the injection system to the tank of a motor vehicle comprises a pipe (~~2~~), which is designed to be traversed by the fuel and comprises a side wall (~~5~~) which has at least one internal projection (~~7~~) obtained by plastic deformation of the side wall (~~5~~).